

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
 Data File : VW010238.D
 Acq On : 01 May 2019 05:12
 Operator : SY/VA
 Sample : K2602-16
 Misc : 3.96G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFHK9

Quant Time: May 01 07:38:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 03:52:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	366915	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	245439	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	57454	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89607	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.08%
7) Chloroethane-d5	2.89	69	84970	24.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.60%
10) 1,1-Dichloroethene-d2	4.01	63	164108	17.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.92%
20) 2-Butanone-d5	7.09	46	9159	5.97	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.94%#
24) Chloroform-d	7.65	84	320959	33.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	135.00%
26) 1,2-Dichloroethane-d4	8.31	65	180685	33.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	132.32%#
29) Benzene-d6	8.27	84	440475	33.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.32%
33) 1,2-Dichloropropane-d6	9.27	67	178959	43.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	173.40%#
37) Toluene-d8	10.32	98	301716	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.40%
38) trans-1,3-Dichloropropene-	10.58	79	19185	10.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	40.32%
39) 2-Hexanone-d5	11.02	63	68	0.08	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.16%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148783	42.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	168.76%#
61) 1,2-Dichlorobenzene-d4	13.86	152	58428	27.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.52%

Target Compounds

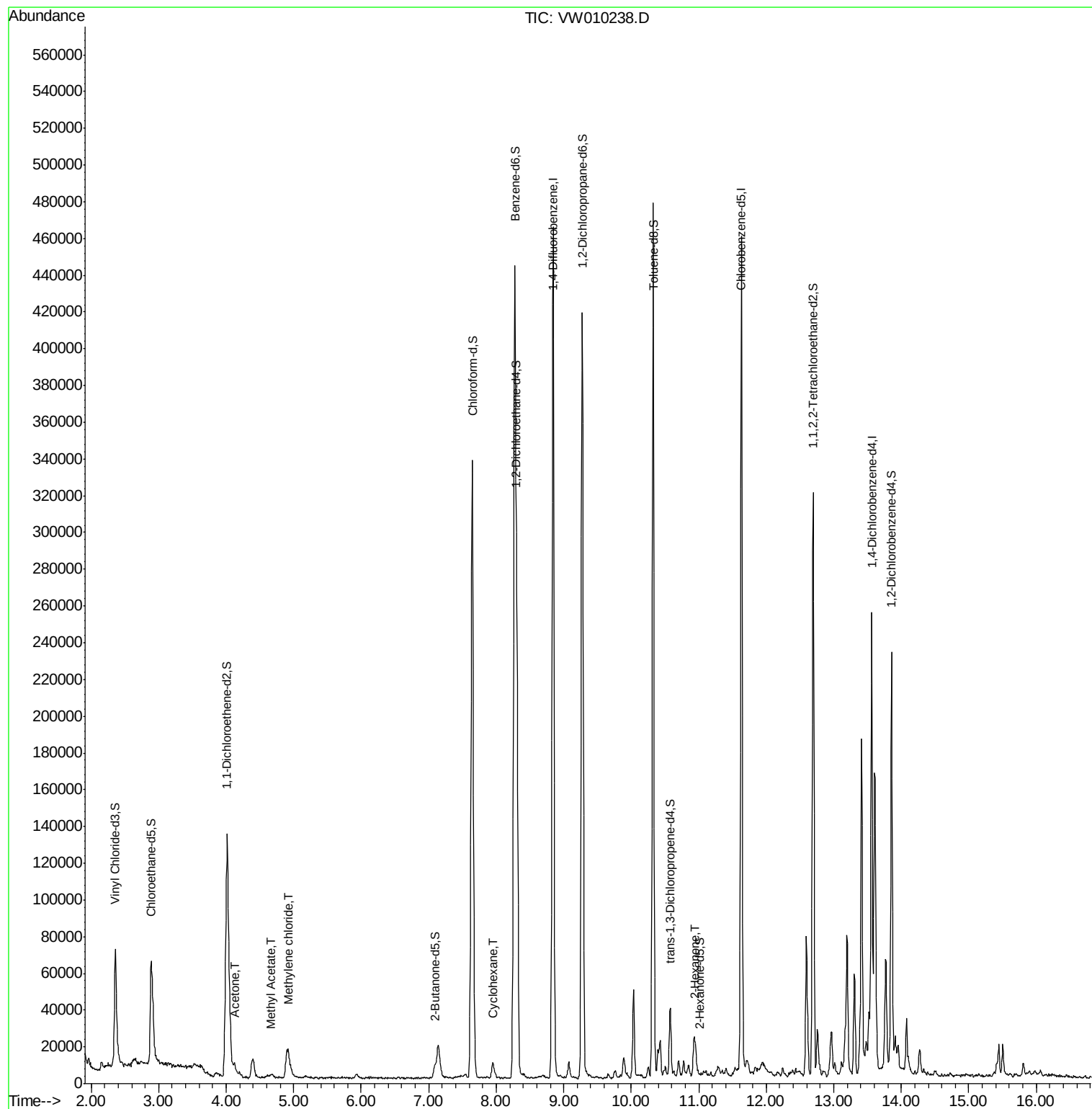
					Qvalue
13) Acetone	4.12	43	8118	6.691 ug/L	89
15) Methyl Acetate	4.67	43	3160	1.200 ug/L #	89
16) Methylene chloride	4.91	84	15442	2.529 ug/L	97
30) Cyclohexane	7.96	56	4127	0.743 ug/L #	23
49) 2-Hexanone	10.95	43	8142	4.522 ug/L #	41

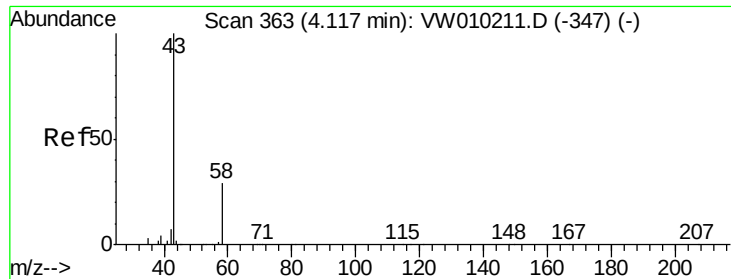
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
Data File : VW010238.D
Acq On : 01 May 2019 05:12
Operator : SY/VA
Sample : K2602-16
Misc : 3.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFHK9

Quant Time: May 01 07:38:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 03:52:51 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.691 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010238.D

Acq: 01 May 2019 05:12

Instrument :

MSVOA_W

ClientSampleId :

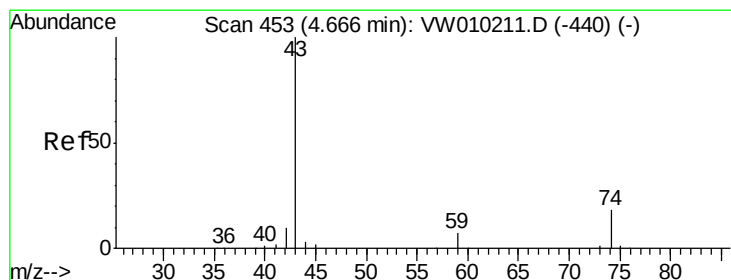
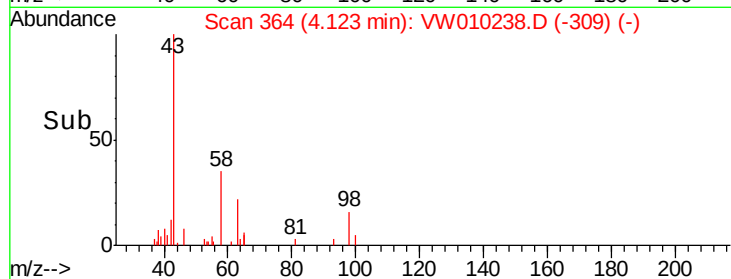
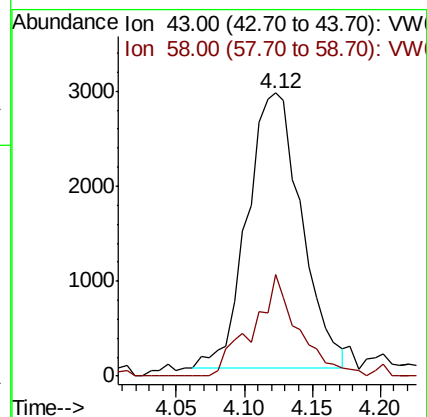
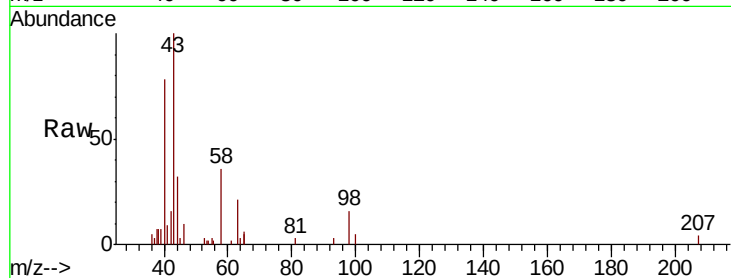
BFHK9

Tgt Ion: 43 Resp: 8118

Ion Ratio Lower Upper

43 100

58 24.2 0.0 59.8



#15

Methyl Acetate

Concen: 1.200 ug/L

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010238.D

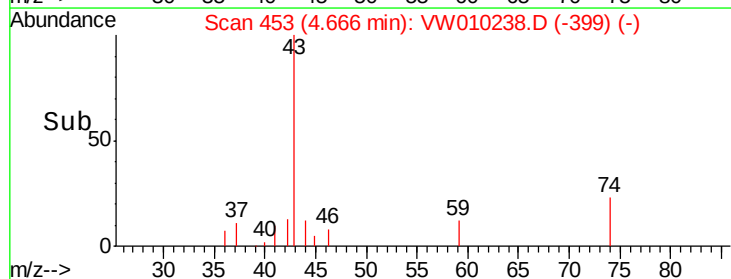
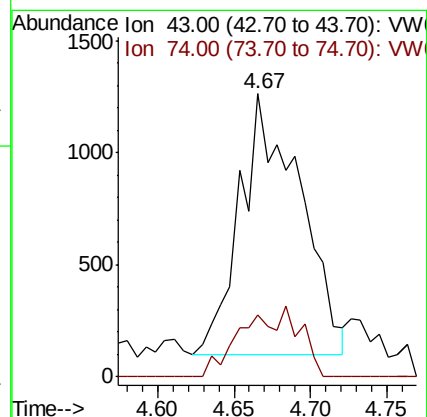
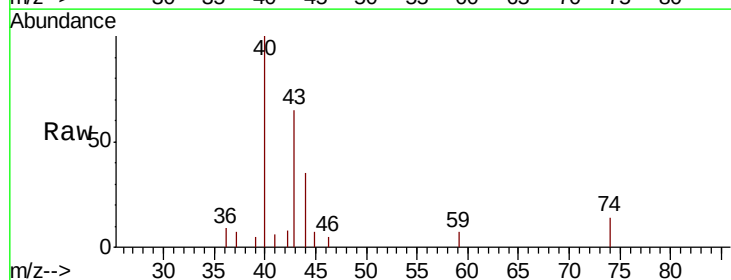
Acq: 01 May 2019 05:12

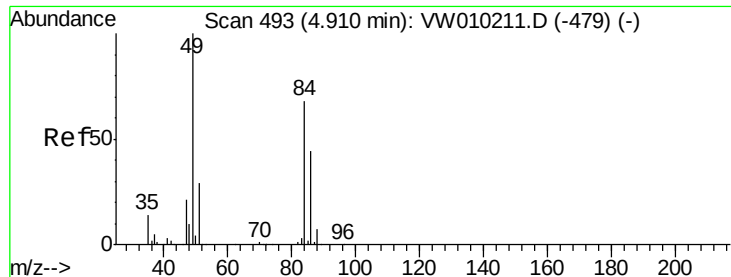
Tgt Ion: 43 Resp: 3160

Ion Ratio Lower Upper

43 100

74 16.7 17.5 26.3#

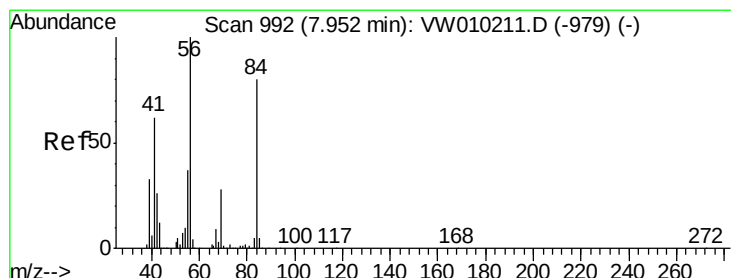
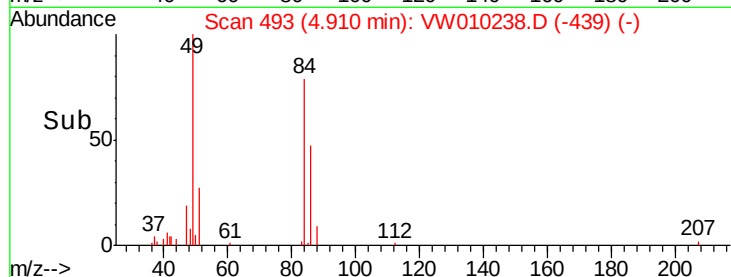
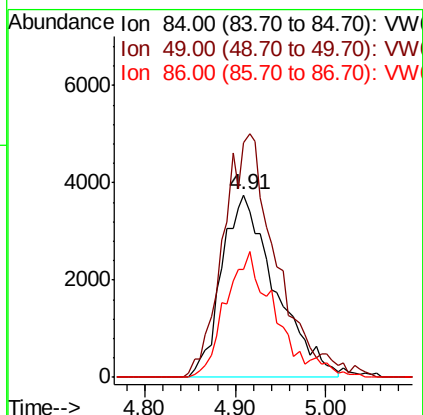
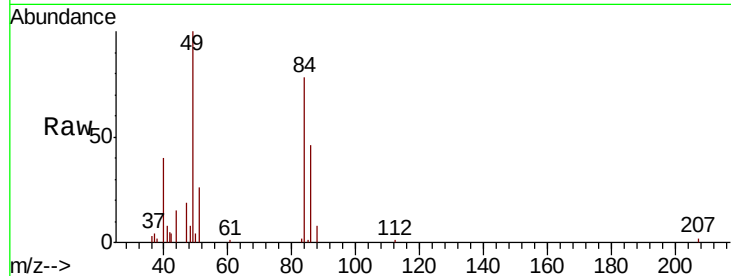




#16
Methylene chloride
Concen: 2.529 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW010238.D
Acq: 01 May 2019 05:12

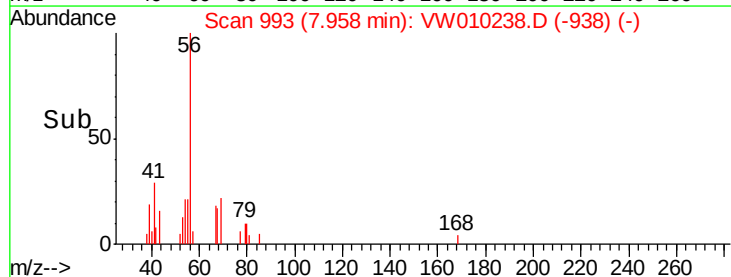
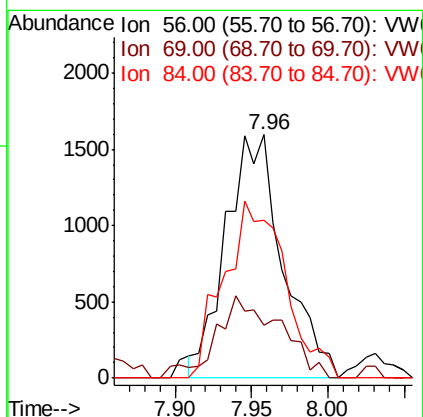
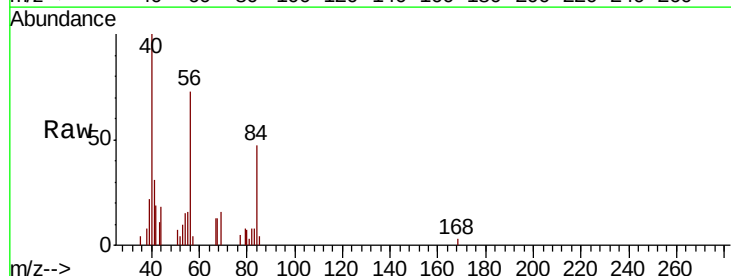
Instrument :
MSVOA_W
ClientSampled :
BFHK9

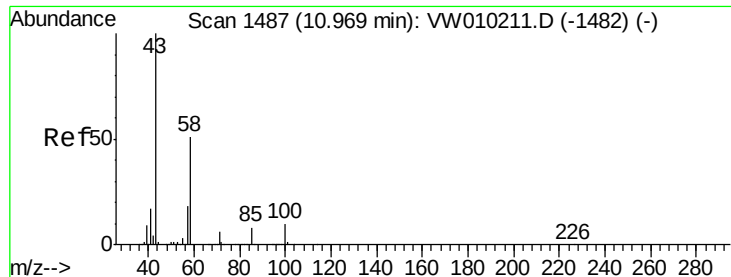
Tgt Ion: 84 Resp: 15442
Ion Ratio Lower Upper
84 100
49 128.6 90.2 167.6
86 59.0 46.3 86.1



#30
Cyclohexane
Concen: 0.743 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW010238.D
Acq: 01 May 2019 05:12

Tgt Ion: 56 Resp: 4127
Ion Ratio Lower Upper
56 100
69 12.4 23.4 35.2#
84 0.0 67.0 100.6#





#49

2-Hexanone

Concen: 4.522 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW010238.D

Acq: 01 May 2019 05:12

Instrument :

MSVOA_W

ClientSampleId :

BFHK9

Tgt Ion: 43 Resp: 8142

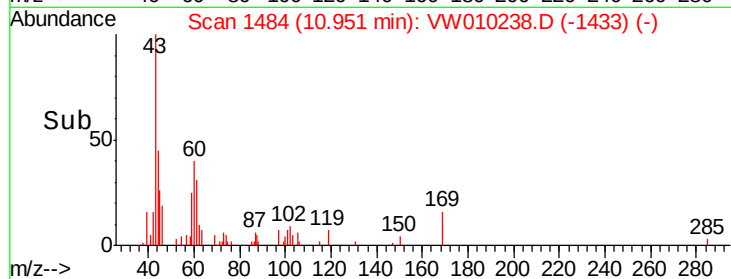
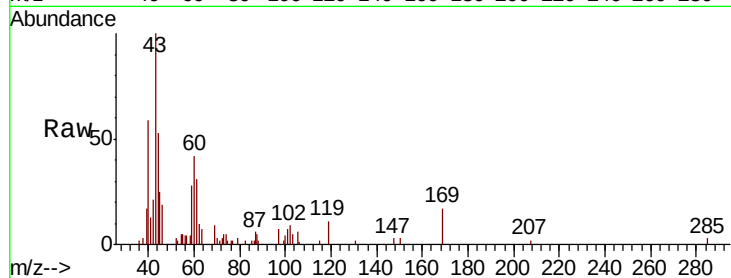
Ion Ratio Lower Upper

43 100

58 0.0 41.4 62.2#

57 1.9 14.8 22.2#

100 1.0 9.3 13.9#



Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

